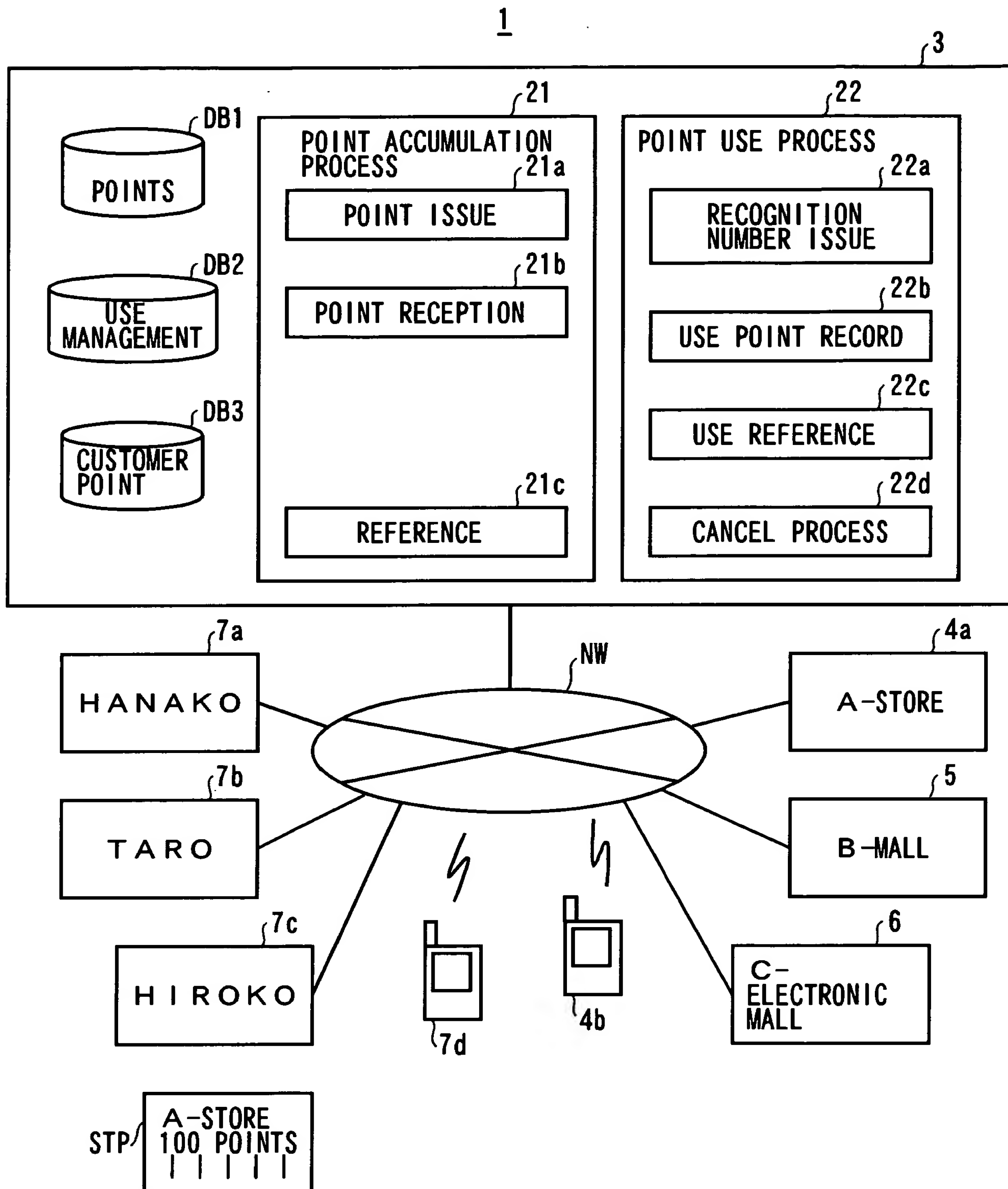


Fig. 1



F i g . 2

DB1A

A-STORE		
CUSTOMER ID	CARD ID	NUMBER OF POINTS
H A N A K O	0 1 2 3	5 0 0 0
T A R O	0 2 3 4	3 0 0
H I R O K O	0 3 4 5	4 0 0 0 0

F i g . 3

DB1B

B-MALL		
CUSTOMER ID	CARD ID	NUMBER OF POINTS
T A R O	1 2 3 4	1 2 0 0
H A N A K O	1 3 4 5	8 0 0
I C H I R O	1 4 5 6	2 0 0 0

Fig. 4

DB1C

C-ELECTRONIC MALL			
CUSTOMER ID	LOG-IN ID	PASSWORD	NUMBER OF POINTS
HANAKO	ONHANA	*****	3 2 0 0
ICHIRO	ONICHI	*****	2 7 0 0

Fig. 5

DB1D

RESERVATION SERVICE		
CUSTOMER ID	LOG-IN ID	NUMBER OF POINTS
TARO	TARO	5 0 0
HIROKO	HIROKO	8 0 0

Fig. 6

DB3

HANAKO					
LOG-IN ID	PASSWORD	INFORMATION OF THE MEMBER STORE		NUMBER OF POINTS	CONVERTED POINTS
HANAKO	*****	A-STORE	0123	5 0 0 0	
		B-MALL	1345	8 0 0	
	*****	C-ELECTRONIC MALL	ONHA-NA	3 2 0 0	

Fig. 7

DB2

PTS

SBG

CUSTOMER ID	ISSUE DATE&TIME	NUMBER OF POINTS	USE DATE & TIME	RECOGNITION NUMBER
HANAKO	2001/1/2	1 0 0	2001/1/3	9034567849
HANAKO	2001/1/2	1 0 0		1539648906
HANAKO	2001/1/2	1 0 0	2001/1/3	8639377744

Fig. 8

HG1

URL//:WW.XXXX.CO.JP			
ID	HANAKO	ISSUE	BT11
PASSWORD	0 1 2 3	CONFIRMATION	BT12
STORE	A-STORE		

Fig. 9

HG2

http://www.xxx.co.jp/hattken/			
TICKET ISSUE A-STORE MENU			
PTT	ACCUMULATED NUMBER OF POINTS :	5000 POINTS	
PTS	ISSUED NUMBER : OF POINTS	100 POINTS	3 TICKETS
		1000 POINTS	2 TUCKETS
		CONFIRMATION	ISSUE
	DATA	PAPER	
	BT24	BT23	BT22 BT21

Fig. 10

HG3

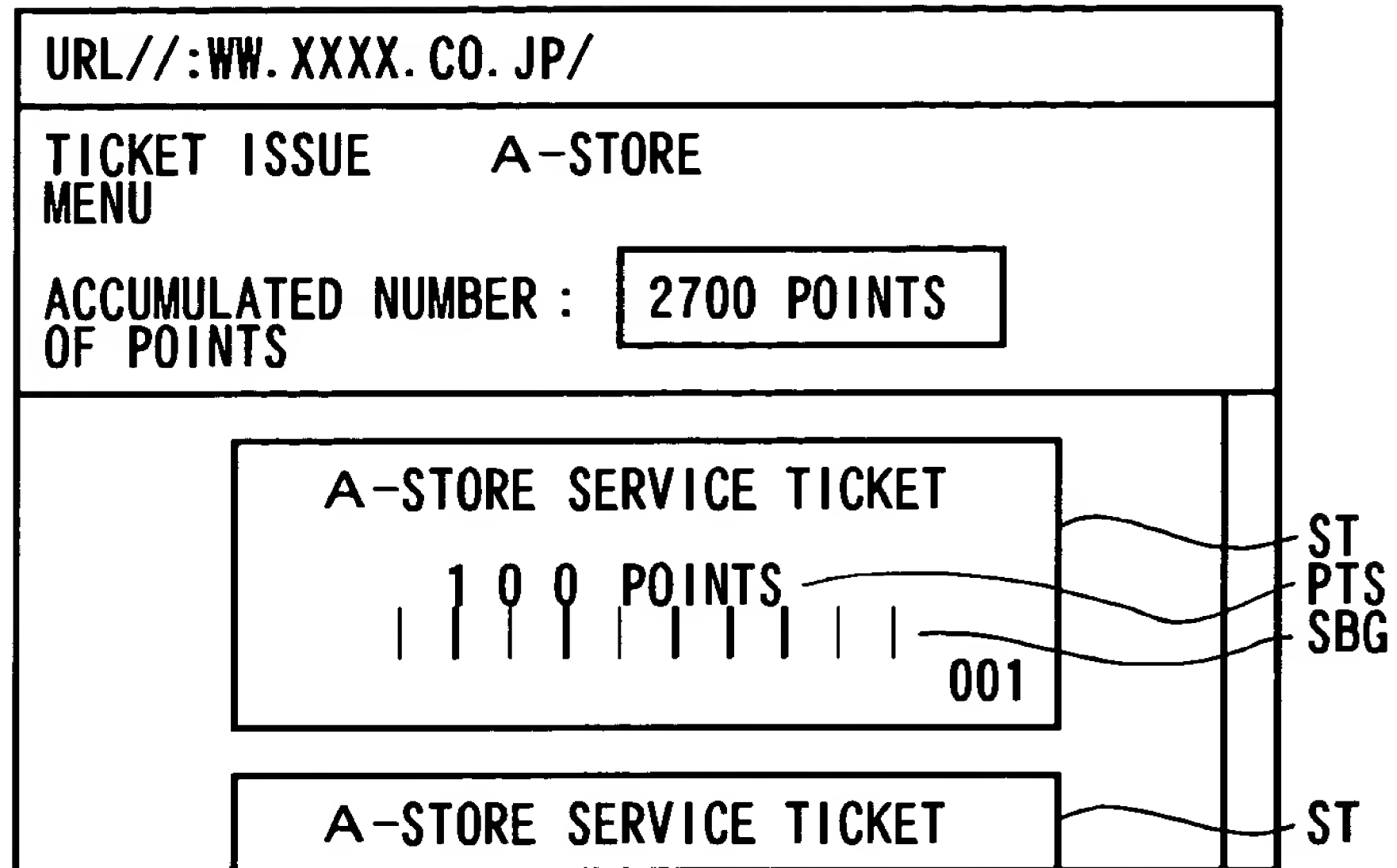


Fig. 11

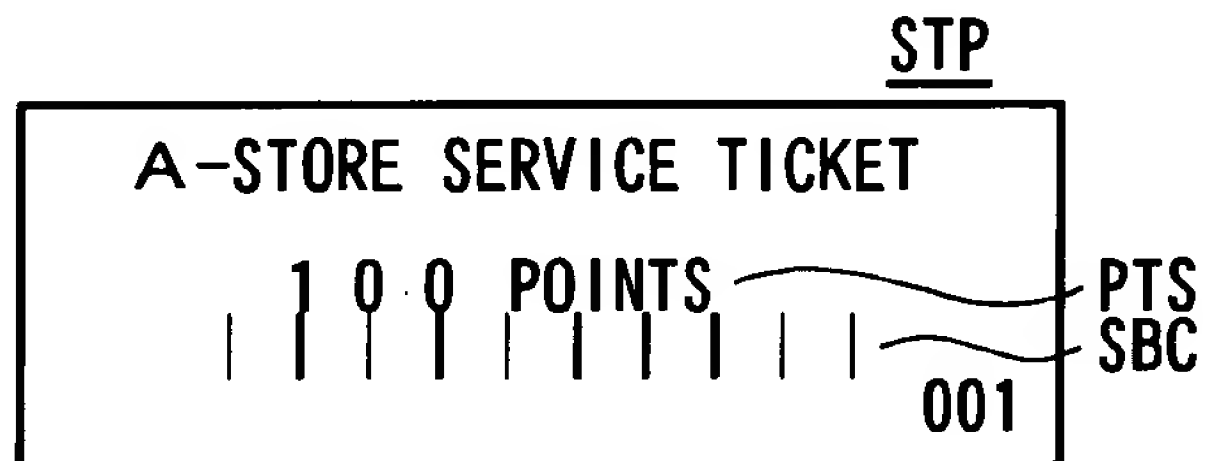


Fig. 12

HG4

http://www.xxx.co.jp/kakunin

USE STATE CONFIRMATION A-STORE H A N A K O
AND MODIFICATION

PTT- ACCUMULATED NUMBER : 2700 POINTS
OF POINTS

POINT USE STATE	ISSUE DATE & TIME	POINTS	USE DATE & TIME	CANCEL
ISSUE 001	2001/1/2	100	2001/1/3	
ISSUE 002	2001/1/2	100	UNUSED	
ISSUE 003	2001/1/2	100	2001/1/4	

Fig. 13

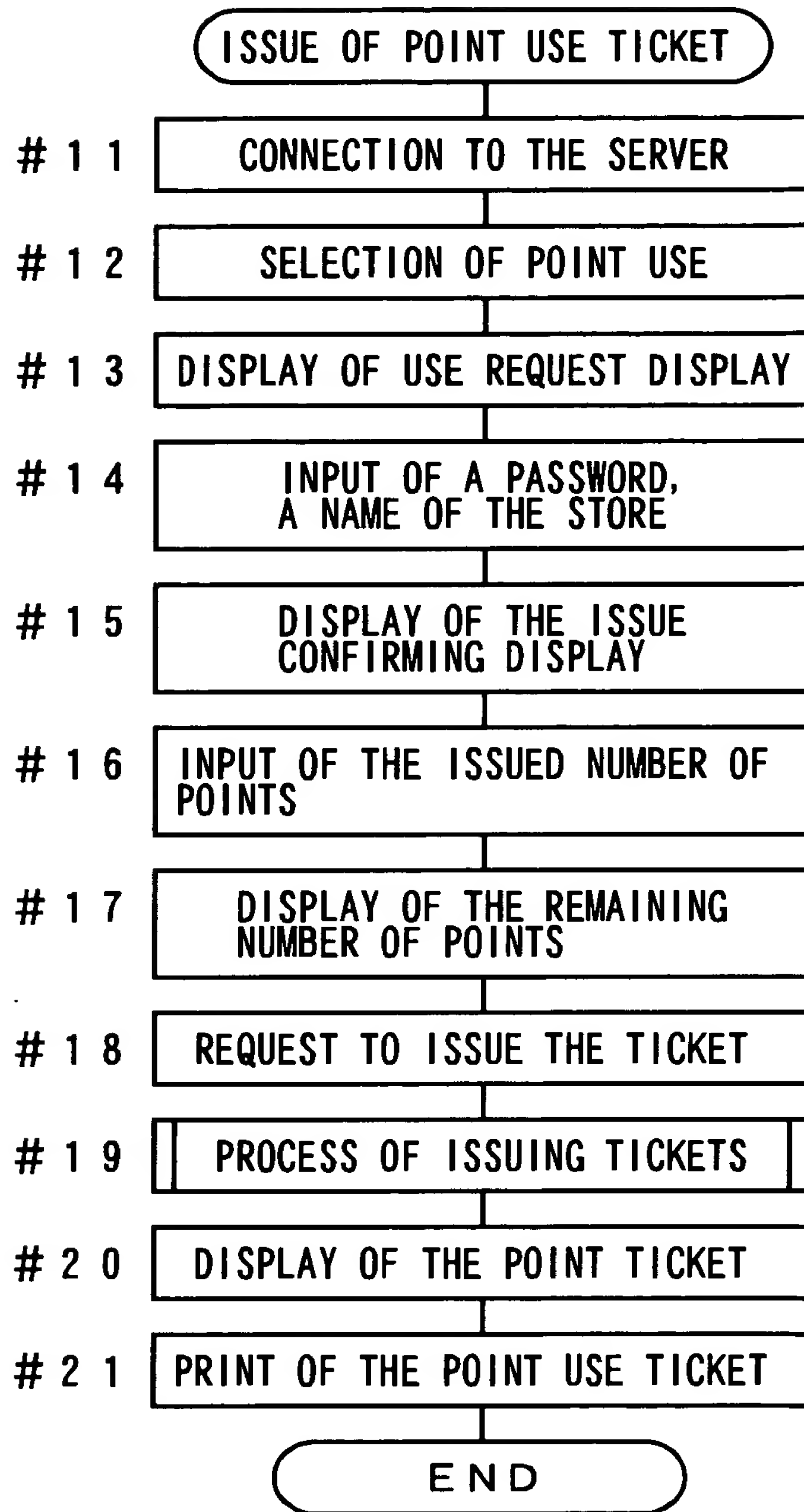


Fig. 14

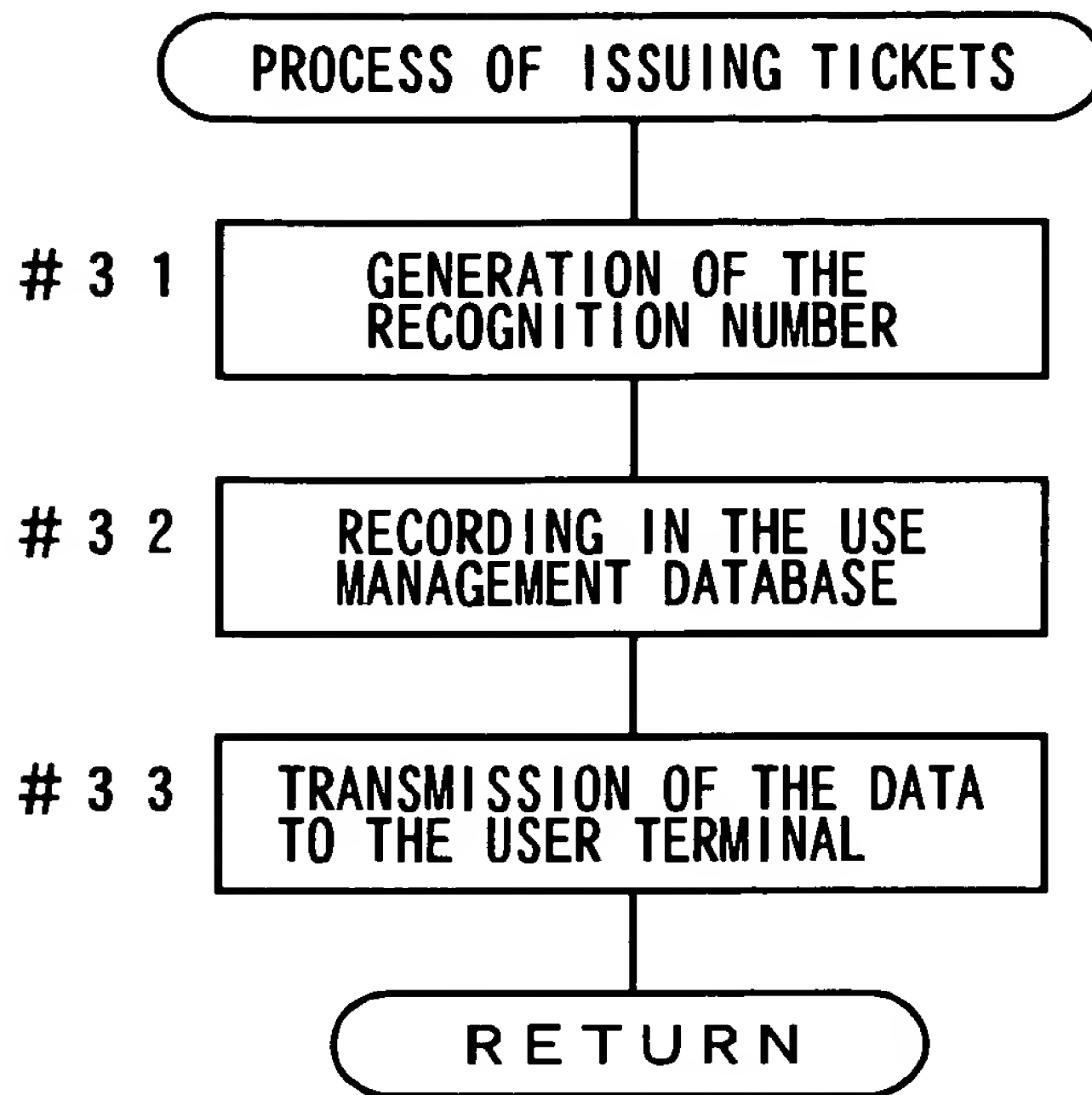


Fig. 15

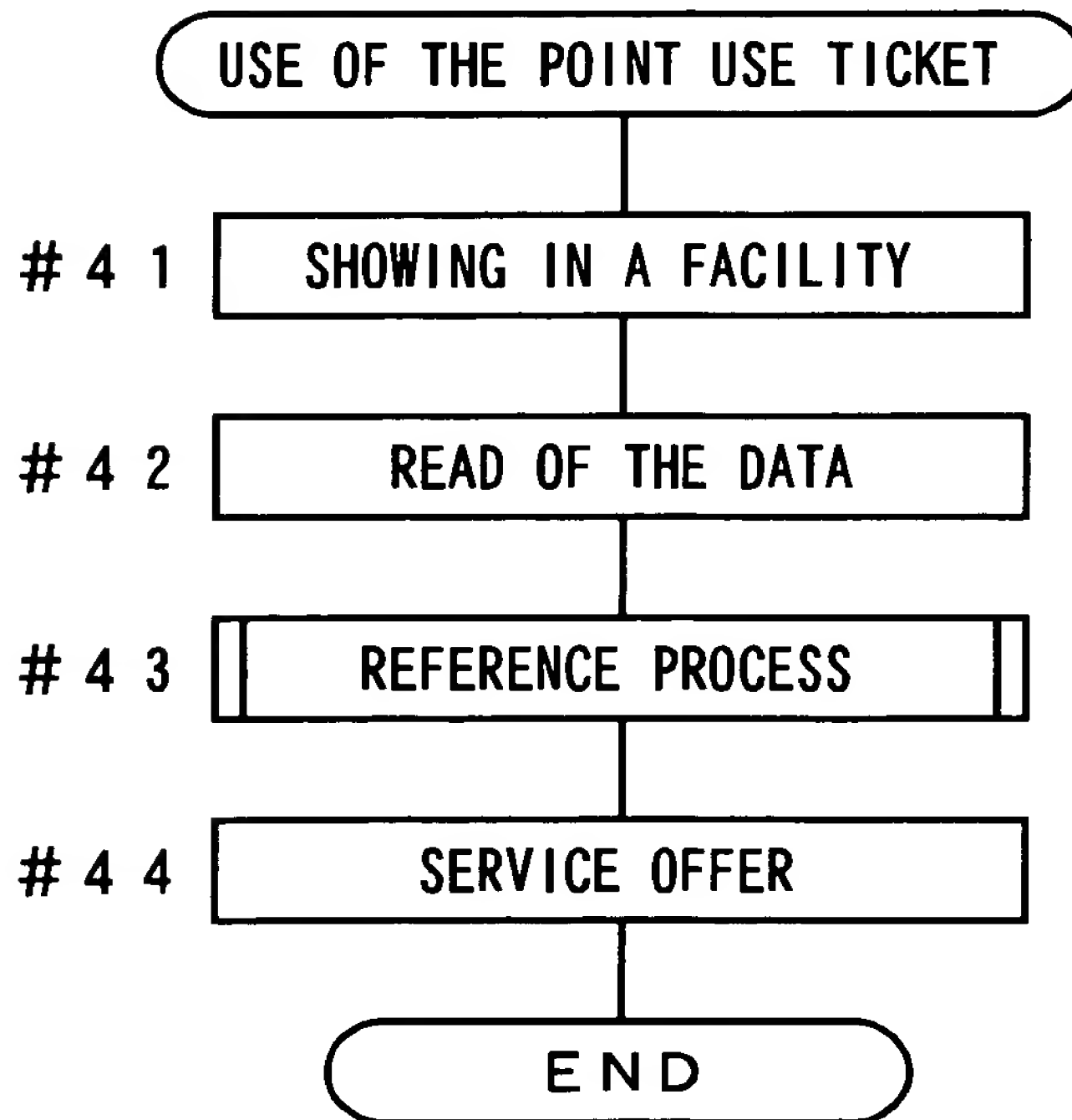
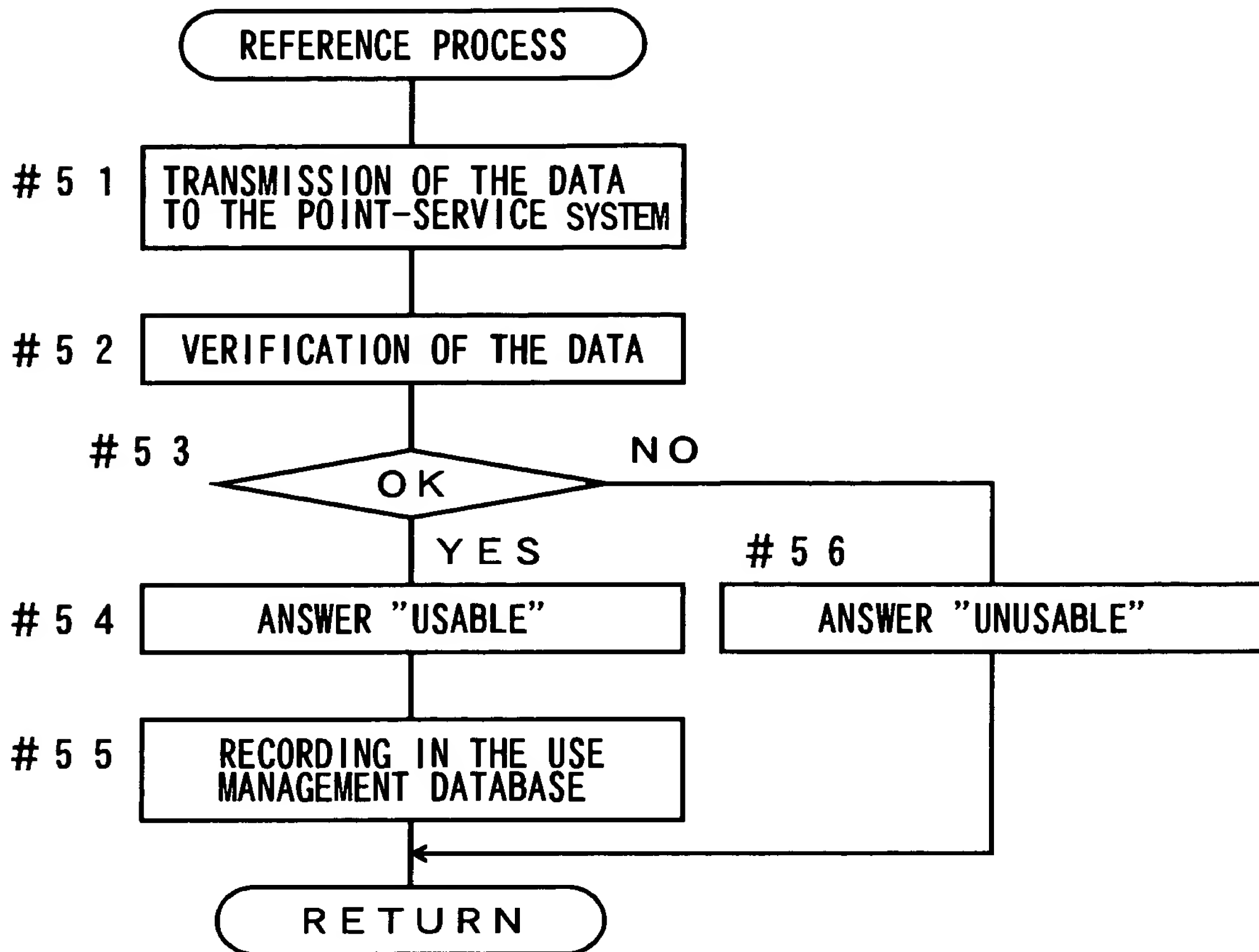


Fig. 16



F i g . 1 7

